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GUARD FOR HIGHWAYS

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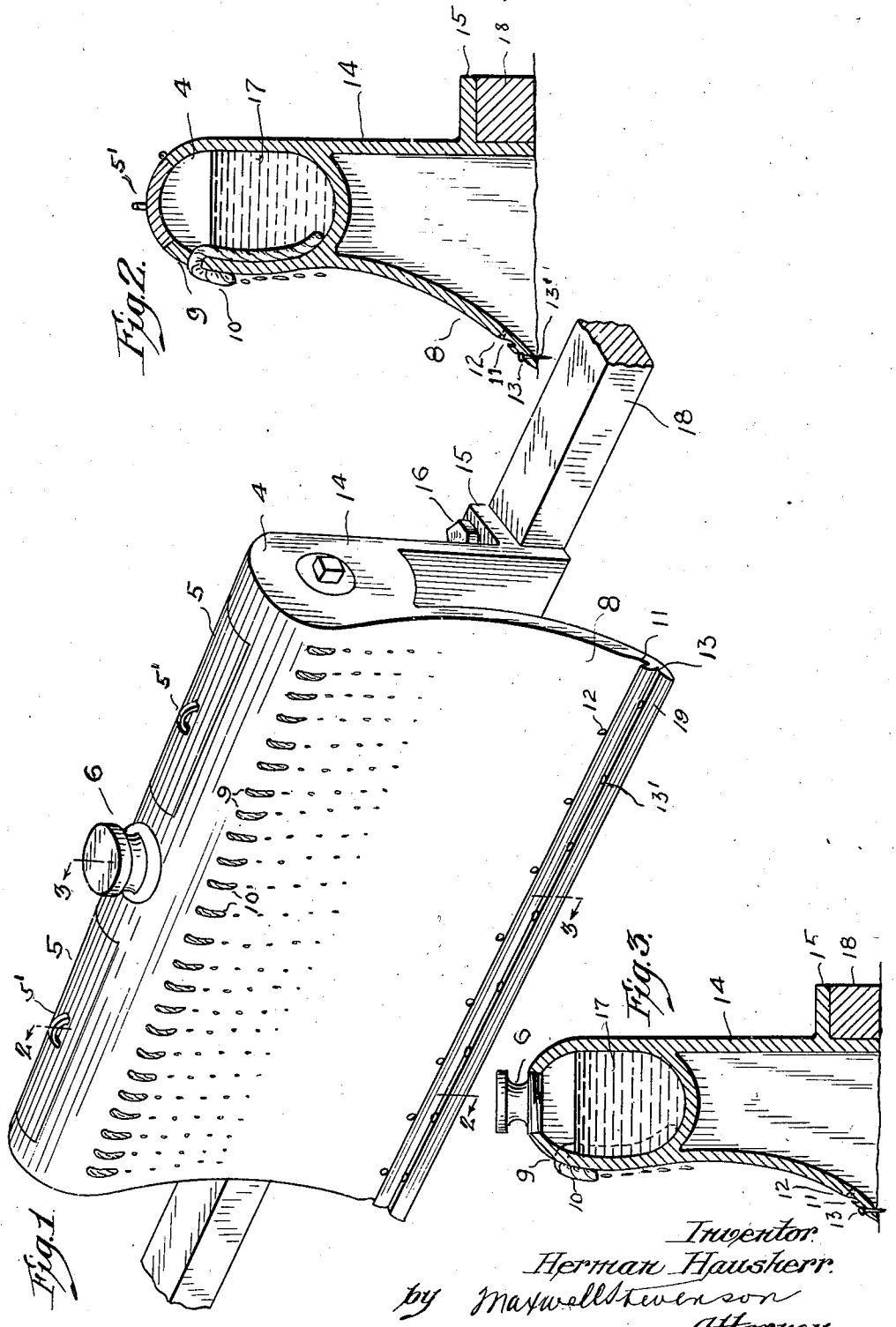


Fig. 1.

Fig. 2.

Fig. 3.

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GUARD FOR HIGHWAYS

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1 Claim. (Cl. 256—13.1)

This invention relates to guards for highways, and one of the objects is to provide a device of simple construction to prevent motor vehicles skidding over or into embankments, ditches, or bridge-heads.

A further object is to provide a device having no springs, or other removable, or movable parts to become worn, broken or detached in any manner, and is especially useful and adapted for quick installation in cases of emergency at "wash-outs," and like occurrences.

The device is so constructed that one, or a series can be installed at any location where needed, as no assembling of parts is required at the time of installation.

While the foregoing explains the general purpose and objects of the device, other objects and advantages will appear in the specification that follows, in which the novel features, construction, and arrangement will be brought out, described and claimed.

In the accompanying drawing, forming a part of this specification, and in which corresponding parts are denoted by like designating numerals, is illustrated the preferred form of the invention capable of carrying the same into practical operation, it being understood that the invention is not necessarily limited thereto as minor changes may be made without departing from the principle of the invention, or sacrificing any of the advantages, in which:

Figure 1 is a view in perspective of the device.

Figure 2 is a vertical sectional view on the line 2—2 Figure 1.

Figure 3 is a vertical sectional view on the line 3—3 Figure 1.

The numeral 4 shows a tank or reservoir for the reception of light oil, or similar commodity, 17, which is fed into the tank or reservoir by removing the threaded cap 6 from the threaded entrance in the tank. Spaced from, and on opposite sides of the cap are located hand-hole covers 5, which are provided for the purpose of entrance into the reservoir to clean it, and to also make it possible to insert new wicks when necessary, attached by any of the well known means, preferably hinged, and entrance effected by raising with the aid of the handles 5'. Spaced below the uppermost portion of the tank, and for the entire width, a multiplicity of ports 9, from which protrude wicks 10, the lowermost portion of each being located within the reservoir or tank, and draw the oil so as to drip continuously upon a shaped front plate 8, and provides a film of oil so that no traction can be obtained. The oil from the outer ends of the wicks runs downwardly on the front of the plate to a trough 11, which extends the full width of the shaped front plate, and in which are located a series of ports 12 to permit excess oil to escape. Immediately below and spaced from the trough is a bracket 13, extending inwardly, and for the full length of the shaped plate, in which provision is made for a series of securing means 13' which can be the usual bolts, to secure the front portion of the device to a suitable receptive means. The bottom edge of the plate is constructed with a gradual curve forming a ramp 19.

At the rear of the tank, or reservoir and extending downwardly therefrom, and spaced from the shaped front plate is a plate 14, having at a predetermined distance from the lowermost portion thereof, a bracket 15 the full width of the plate, through which extend a series of bolts 16 to secure the device in a fixed position while engaged to and with a construction of suitable material, which can be either wood, iron, or concrete.

As is well known, when an automobile skids it is generally at an angle, and as the instant device presents the shaped front which would cause an automobile to "ride" the front plate, while the wheels could not revolve, which with the entire surface of the shaped front plate being supplied at all times with a supply of oil, there would be no traction, and the vehicle would slide back to the ground and under control of the operator.

Having thus described the invention, what I claim as new and desire to secure by Letters Patent, is:

A guard for highways comprising a container cylinder, a removable member having a threaded stem engaging with a threaded section in the uppermost portion of said container, handles attached to and adapted to control the movement of lids, said lids located on the container at predetermined distances from the threaded member and spaced from each of the ends of the container, a plurality of ports located in the lowermost portion of and for the width of the container, wicks protruding from said ports and depositing an oleaginous fluid upon a smooth faced concaved front plate extending downwardly from the aforesaid container, a plurality of ports located in said plate for the width thereof at a predetermined distance from the lower extremity thereof, a bracket extending inwardly from said front plate and adapted to maintain securing means, and a ramp at the lowermost terminus of the front plate which is spaced from a rear upright having at a spaced distance from the lowermost end a rail adapted to receive securing means.

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